Appln. No.: PCT/US2004/034914

Page 3 of 15

Docket No.: 75.US2.PCT

## In the Claims

Please amend the claims according to the claim listing provided below.

## Marked-up Copy:

## 1. (original) A compound of Formula (I):

$$R^3$$
 $N-R^1$ 
 $(I)$ 

or pharmaceutically acceptable salt thereof, wherein:

 $R^1$  is H or  $C_1$ - $C_8$  alkyl;

 $R^2$  is  $C_1$ - $C_8$  alkyl;

 $R^3$  is H, aryl, arylalkyl-O-, arylalkyl-N( $R^5$ )-, aryl-N( $R^5$ )-, or heteroaryl, wherein said aryl is optionally substituted with up to two substituents selected from  $C_{1-8}$  alkyl, halogen, perhaloalkyl, and alkoxy;

R4 is H, arylalkyl-O-, alkoxy, or aryloxy; and

 $\mbox{R}^{5}$  is H,  $\mbox{C}_{1}\mbox{-}\mbox{C}_{8}$  alkyl, aryl,  $\mbox{C}_{1\mbox{-}8}$  alkenyl, heteroaryl, arylalkyl, heteroarylalkyl, perhaloalkyl, or allyl;

with the provisos:

- a) at least one of R<sup>3</sup> and R<sup>4</sup> is other than H;
- b) when R<sup>3</sup> is arylalkyl-N(R<sup>5</sup>)- or aryl-N(R<sup>5</sup>)- and R<sup>4</sup> is H, then R<sup>1</sup> is H;
- c) when  $R^1$  is H,  $R^2$  is  $CH_3$  and  $R^3$  is 2-chlorophenyl, then  $R^4$  is other than H; and
  - d) when  $R^1$  is H,  $R^2$  is  $CH_3$  and  $R^3$  is 2-thienyl, then  $R^4$  is other than methoxy.

## 2. (original) The compound of claim 1 wherein:

R<sup>1</sup> is H or C<sub>1</sub>-C<sub>8</sub> alkyl;

R<sup>2</sup> is C<sub>1</sub>-C<sub>8</sub> alkyl;

 $R^3$  is H, aryl, arylalkyl-O-, arylalkyl-N( $R^5$ )-, or aryl-N( $R^5$ )- wherein said aryl is optionally substituted with up to two substituents selected from  $C_{1-8}$  alkyl, halogen, perhaloalkyl, and alkoxy;

Appln. No.: PCT/US2004/034914

Page 4 of 15

Docket No.: 75.US2.PCT

R4 is H or aryloxy; and

 $R^5$  is H,  $C_1$ - $C_8$  alkyl, aryl,  $C_{1-8}$  alkenyl, heteroaryl, arylalkyl, heteroarylalkyl, perhaloalkyl, or allyl.

3. (amended) A compound of claim 1-or-2 having Formula (Ia):

$$R^3$$
 $N-R^1$ 
(Ia)

or pharmaceutically acceptable salt form thereof.

4. (amended) A compound of claim 1-or 2 having Formula (Ib):

$$R^3$$
 $N-R^4$ 
 $(Ib)$ 

or pharmaceutically acceptable salt form thereof.

5. (amended) The compound of <u>claim 1 any one of claims 1 to 4</u> wherein:

 $R^1$  is H or  $C_1$ - $C_8$  alkyl;

 $R^2$  is  $C_1$ - $C_8$  alkyl;

R<sup>3</sup> is arylalkyl-O-, arylalkyl-N(R<sup>5</sup>)-, or aryl-N(R<sup>5</sup>)-;

R4 is H; and

 $R^5$  is H,  $C_1$ - $C_8$  alkyl, aryl,  $C_{1\text{--}8}$  alkenyl, heteroaryl, arylalkyl, heteroarylalkyl, perhaloalkyl, or allyl.

6. (amended) The compound of claim lany one of claims 1 to 4 wherein:

R<sup>1</sup> is H or C<sub>1</sub>-C<sub>8</sub> alkyl;

 $R^2$  is  $C_1$ - $C_8$  alkyl;

R<sup>3</sup> is arylalkyl-O-, arylalkyl-N(R<sup>5</sup>)-, or aryl-N(R<sup>5</sup>)-;

R<sup>4</sup> is H; and

R<sup>5</sup> is H, C<sub>1</sub>-C<sub>8</sub> alkyl, or aryl.

Appln. No.: PCT/US2004/034914

Page 5 of 15

Docket No.: 75.US2.PCT

7. (amended) The compound of claim 1 any one of claims 1 to 4 wherein:

R<sup>1</sup> is H or C<sub>1</sub>-C<sub>8</sub> alkyl;

 $R^2$  is  $C_1$ - $C_8$  alkyl;

R3 is arylalkyl-O-; and

R<sup>4</sup> is H.

8. (amended) The compound of claim 1 any one of claims 1 to 4 wherein:

R<sup>1</sup> is H or C<sub>1</sub>-C<sub>8</sub> alkyl;

 $R^2$  is  $C_1$ - $C_8$  alkyl;

R<sup>3</sup> is H; and

R<sup>4</sup> is arylalkyl-O-.

9. (amended) The compound of claim 1 any one of claims 1 to 4 wherein:

R<sup>1</sup> is H;

 $R^2$  is  $C_1$ - $C_4$  alkyl;

R<sup>3</sup> is arylalkyl-O-; and

R<sup>4</sup> is H.

10. (amended) The compound of claim 1 any one of claims 1 to 4 wherein:

R<sup>1</sup> is H;

 $R^2$  is  $C_1$ - $C_8$  alkyl;

R<sup>3</sup> is arylalkyl-N(R<sup>5</sup>)-;

R4 is H; and

R<sup>5</sup> is H, C<sub>1</sub>-C<sub>8</sub> alkyl, or aryl.

11. (amended) The compound of claim 1 any one of claims 1 to 4 wherein:

 $R^1$  is H;

R<sup>2</sup> is methyl;

R<sup>3</sup> is phenyl, phenylalkyl-O-, phenylalkyl-N(R<sup>5</sup>)-, or phenyl-N(R<sup>5</sup>)-;

R4 is H; and

R<sup>5</sup> is H.

12. (amended) The compound of claim 1 any one of claims 1 to 4 wherein:

Appln. No.: PCT/US2004/034914 Docket No.: 75.US2.PCT

Page 6 of 15

 $R^1$  is H;

R<sup>2</sup> is methyl;

R<sup>3</sup> is H; and

R<sup>4</sup> is phenylalkyl-O-.

13. (amended) The compound of <u>claim 1 any one of claims 1 to 4</u> wherein:

R<sup>1</sup> is H;

R<sup>2</sup> is methyl;

 $R^3$  is phenyl optionally substituted with up to two halogens, or  $R^3$  is pyridinyl; and

R<sup>4</sup> is H or alkoxy.

14. (amended) The compound of claim 1 any one of claims 1 to 4 wherein:

 $R^1$  is H;

R<sup>2</sup> is methyl;

R<sup>3</sup> is phenyl optionally substituted with up to two fluoro; and

R<sup>4</sup> is H or methoxy.

15. (amended) The compound of <u>claim 1</u> any one of claims 1 to 4 wherein:

R1 is H;

R<sup>2</sup> is methyl;

R<sup>3</sup> is pyridinyl; and

R<sup>4</sup> is H.

- 16. (original) A compound of any one of claims 1 to 4 selected from:
  - a) 7-benzyloxy-1-methyl-2,3,4,5-tetrahydro-1H-benzo[d]azepine;
  - b) 1-methyl-7-(1-phenyl-ethoxy)-2,3,4,5-tetrahydro-1H-benzo[d]azepine;
  - c) 1-methyl-7-phenethyloxy-2,3,4,5-tetrahydro-1H-benzo[d]azepine;
  - d) 1-methyl-7-(3-phenyl-propoxy)-2,3,4,5-tetrahydro-1H-benzo[d]azepine;
  - e) benzyl-(5-methyl-2,3,4,5-tetrahydro-1H-benzo[d]azepin-7-yl)-amine;
  - f) (5-methyl-2,3,4,5-tetrahydro-1H-benzo[d]azepin-7-yl)-(1'-phenyl-ethyl)-amine;
  - g) benzyl-methyl-(5-methyl-2,3,4,5-tetrahydro-1H-benzo[d]azepin-7-yl)-amine;
  - h) (5-methyl-2,3,4,5-tetrahydro-1H-benzo[d]azepin-7-yl)-phenethyl-amine;
  - i) (5-methyl-2,3,4,5-tetrahydro-1H-benzo[d]azepin-7-yl)-(3-phenyl-propyl)-amine;
  - j) (5-methyl-2,3,4,5-tetrahydro-1H-benzo[d]azepin-7-yl)-phenyl-amine; and

Appln. No.: PCT/US2004/034914 Docket No.: 75.US2.PCT

Page 7 of 15

k) 1-methyl-8-phenyl-2,3,4,5-tetrahydro-1H-benzo[d]azepine; or pharmaceutically acceptable salt thereof.

- 17. (original) A compound of any one of claims 1 to 4 selected from:
  - a) 8-Benzyloxy-1-methyl-2,3,4,5-tetrahydro-1H-benzo[d]azepine;
  - b) 7-Benzyloxy-1-methyl-2,3,4,5-tetrahydro-1H-benzo[d]azepine;
  - c) 1-Methyl-8-phenyl-2,3,4,5-tetrahydro-1H-benzo[d]azepine;
  - d) 7-Methoxy-1-methyl-8-phenyl-2,3,4,5-tetrahydro-1H-benzo[d]azepine;
  - e) 8-(2-Fluoro-phenyl)-1-methyl-2,3,4,5-tetrahydro-1H-benzo[d]azepine;
  - f) 8-(3-Fluoro-phenyl)-1-methyl-2,3,4,5-tetrahydro-1H-benzo[d]azepine;
  - g) 8-(4-Fluoro-phenyl)-1-methyl-2,3,4,5-tetrahydro-1H-benzo[d]azepine;
  - h) 8-(2,6-Difluoro-phenyl)-1-methyl-2,3,4,5-tetrahydro-1H-benzo[d]azepine;
  - i) 8-(2,3-Difluoro-phenyl)-1-methyl-2,3,4,5-tetrahydro-1H-benzo[d]azepine;
  - j) 8-(2,5-Difluoro-phenyl)-1-methyl-2,3,4,5-tetrahydro-1H-benzo[d]azepine;
  - k) 1-Methyl-8-pyridin-3-yl-2,3,4,5-tetrahydro-1H-benzo[d]azepine; and
  - 1) 1-Methyl-8-pyridin-2-yl-2,3,4,5-tetrahydro-1H-benzo[d]azepine; or pharmaceutically acceptable salt thereof.
- 18. (amended) A composition comprising a compound of <u>claim 1</u> any one of claims 1 to 17-and a pharmaceutically acceptable carrier.
- 19. (amended) A method of treating disorders of the central nervous system, damage to the central nervous system, cardiovascular disorders, gastrointestinal disorders, diabetes insipidus, sleep apnea or HDL-related condition comprising administering to a patient in need of said treating a therapeutically effective amount of a compound of claim 1 any one of claims 1 to 17.
- 20. (original) The method of claim 19 wherein the disorders of the central nervous system are selected from depression, atypical depression, bipolar disorders, anxiety disorders, obsessive-compulsive disorders, social phobias or panic states, sleep disorders, sexual dysfunction, psychoses, schizophrenia, migraine and other conditions associated with cephalic pain or other pain, raised intracranial pressure, epilepsy, personality disorders, agerelated behavioral disorders, behavioral disorders associated with dementia, organic mental disorders, mental disorders in childhood, aggressivity, age-related memory disorders,

Appln. No.: PCT/US2004/034914 Docket No.: 75.US2.PCT

Page 8 of 15

chronic fatigue syndrome, drug and alcohol addiction, obesity, bulimia, anorexia nervosa and premenstrual tension.

- 21. (original) The method according to claim 19 wherein the disorder of the central nervous system is obesity.
- 22. (original) The method according to claim 19 wherein the sexual dysfunction is male erectile dysfunction.
- 23. (amended) A method of decreasing food intake of a mammal comprising administering to said mammal a therapeutically effective amount of a compound of <u>claim 1 any one of claims 1 to 17</u>.
- 24. (amended) A method of inducing satiety in a mammal comprising administering to said mammal a therapeutically effective amount of a compound of <u>claim 1 any one of claims 1 to 17</u>..
- 25. (amended) A method of controlling weight gain of a mammal comprising administering to said mammal a therapeutically effective amount of a compound of <u>claim 1</u> any one of claims 1 to 17...
- 26. (amended) A method of treating obesity comprising administering to a patient in need of such treating a therapeutically effective amount of a compound of <u>claim 1 any one of claims 1 to 17</u>..

Claims 27 to 41 are cancelled.

42. (new) A method for preparing a pharmaceutical composition comprising the step of mixing a compounds of claim 1 and a pharmaceutically acceptable carrier.